

TITLE OF THE INVENTION  
SYSTEM AND METHOD FOR SUPPORTING SALES OF VEHICLE

FIELD OF THE INVENTION

5       The present invention relates to a technique for supporting sales of a vehicle using a computer.

BACKGROUND OF THE INVENTION

Presently, there exists a service for causing a  
10   client to select various parts and presenting a manufacturer's suggested price for a vehicle, which is manufactured by combining the selected parts, via a network. In such a service, basically, information is exchanged over a network between a server managed by  
15   the manufacturer of the vehicle and a client terminal operated by the client. Recently, such a service has been developed such that a manufacturer presents its suggested price and, in addition, a dealer of a vehicle presents an estimated price, which it has determined  
20   independently, to a client. In the case in which an estimated price is presented in this way, a server of the manufacturer embeds an estimated price, which is stored in an estimated price database, in a stereotyped sentence prepared in advance, and automatically sends a  
25   reply to all clients who have requested estimation by an electronic mail.

However, in the conventional system, the stereotyped sentence is simply returned by an electronic mail, an insipid impression may be given to the clients. In addition, since communication between the dealer and the clients becomes sparse, information, which can be obtained in the case in which an estimated price is presented to a client directly to sell a vehicle over the counter, cannot be obtained. Such information includes information on why a client gave up the purchase of a vehicle at a certain estimated price and information on how much discount on an estimated price would have encouraged a client to determine the purchase of the vehicle.

Therefore, such a system has insufficient materials for updating an estimated price, an estimated price stored in the database is hardly changed. Consequently, some clients express dissatisfaction in that the estimated price is too high or the clients cannot enjoy price negotiation in purchasing a vehicle.

Still, if a salesclerk calculates estimated prices for all clients, who have requested estimation via the system, one by one, processing of operations becomes complicated.

## SUMMARY OF THE INVENTION

According to one aspect of the present invention, preferably, there is provided a sales support server

which is capable of communicating with an estimated price database, in which specifications for vehicles and estimated prices in selling the vehicles are stored in association with each other for a plurality of kinds of vehicles, a dealer terminal used by a dealer of vehicles, and a client terminal each other via a network, the sales support server is characterized by comprising; a reception unit which receives specification information specifying specifications for a vehicle and an estimation request from the client terminal; a reading unit which reads an estimated price from the estimated price database based upon the specification information; a first transmission unit which sends the estimated price read by the reading unit to the client terminal; a second transmission unit which sends the specification information received by the reception unit to the dealer terminal in order to inquire an estimated price from the dealer; and a control unit which, when the estimation request is received by the reception unit, decides whether to send the estimated price stored in the estimated price database to the client terminal or to inquire the estimated price from the dealer, and controls the first transmission unit or the second transmission unit.

According to the other aspect of the present invention, preferably, there is provided a sales support system, including; a sales support server

managed by a manufacturer of vehicles; a dealer terminal used by a dealer of vehicles; a client terminal; and an estimated price database, in which specifications for vehicles and estimated prices to be automatically transmitted for the vehicles are stored in association with each other for a plurality of kinds of vehicles, the sales support server, the dealer terminal, the client terminal, and the estimated price database are capable of communicating with each other via a network, characterized in that the sales support server comprises; a reception unit which receives specification information specifying specifications for a vehicle and an estimation request from the client terminal; a reading unit which reads an estimated price to be automatically transmitted from the estimated price database based upon the specification information; a first transmission unit which sends the estimated price to be automatically transmitted read by the reading unit to the client terminal; a second transmission unit which sends the specification information received by the reception unit to the dealer terminal in order to inquire an estimated price from the dealer; and a control unit which, when the estimation request is received by the reception unit, decides whether to send the estimated price to be automatically transmitted stored in the estimated price database to the client terminal or to inquire the

estimated price from the dealer, and controls the first transmission unit or the second transmission unit.

According to still other aspect of the present invention, preferably, there is provided a sales support method which uses a sales support server managed by a manufacturer of vehicles, a dealer terminal used by a dealer of vehicles, a client terminal, and an estimated price database in which specifications for vehicles and estimated prices to be automatically transmitted for the vehicles are stored in association with each other for a plurality of kinds of vehicles, characterized by comprising; a reception step in which the sales support server receives specification information specifying specifications for a vehicle and an estimation request from the client terminal; a decision step of, when the estimation request is received in the reception step, deciding whether to send an estimated price to be automatically transmitted stored in the estimated price database to the client terminal or to inquire an estimated price from the dealer; a first transmission step of, if it is decided in the decision step to send the estimated price to be automatically transmitted stored in the estimated price database to the client terminal, reading the estimated price to be automatically transmitted from the estimated price database based upon the specification information received in the

reception step and sending the estimated price to the client terminal; and a second transmission step of, if it is decided in the decision step to inquire the estimated price from the dealer, sending the  
5 specification information received in the reception step to the dealer terminal.

Other features and advantages of the present invention will be apparent from the following description taken in conjunction with the accompanying  
10 drawings, in which like reference characters designate the same or similar parts throughout the figures thereof.

#### BRIEF DESCRIPTION OF THE DRAWINGS

15 FIG. 1 is a diagram showing an overall structure of a sales support system as an embodiment of the present invention;

FIG. 2 is a diagram showing an internal structure of an estimated price database of the sales support  
20 system as the embodiment of the present invention;

FIG. 3 is a diagram illustrating a service provision method according to the sales support system as the embodiment of the present invention;

FIG. 4 is a diagram showing an example of a  
25 specification selection screen presented by a BTO server 1 in accordance with the embodiment of the present invention;

FIG. 5 is a diagram showing an example of an estimation input screen presented by the BTO server 1 in accordance with the embodiment of the present invention;

5        FIG. 6 is a diagram showing an example of a reference information screen presented by the BTO server 1 in accordance with the embodiment of the present invention;

10       FIG. 7 is a diagram showing an example of an electronic mail for notification of business talk failure sent by the BTO server 1 in accordance with the embodiment of the present invention;

15       FIG. 8 is a diagram showing an example of an electronic mail for follow-up request sent by the BTO server 1 in accordance with the embodiment of the present invention; and

20       FIG. 9 is a flowchart showing a method of deciding propriety of automatic reply in the BTO server 1 in accordance with the embodiment of the present invention.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

First, a sales support system as an embodiment of the present invention is a system for providing a BTO (Build To Order) service which causes a client to  
25    select various parts and presenting a manufacturer's suggested price and an estimated price for a vehicle,

which is manufactured by combining the selected parts,  
via a network.

Therefore, an individual specification car in the  
embodiment described below means a vehicle for which a  
5 client selects specification according to his/her own  
preference out of a plurality of options such as parts  
and colors and combines the specifications utilizing  
the BTO service of this sales support system.

In addition, a client means a person who is  
10 capable of accessing the system in accordance with this  
embodiment to receive a service thereof, who is a  
prospective customer or the like who is considering  
purchase of the individual specification car.

#### <Structure of Entire System>

15 FIG. 1 is a conceptual diagram showing an overall  
structure of the sales support system in accordance  
with this embodiment.

In the figure, the sales support system includes a  
BTO server 1 serving as a sales support server for  
20 vehicles, a desktop computer 2 and a PDA 3 serving as  
client terminals, and dealer terminals 4 (4a to 4c)  
which are installed and managed for each dealer. The  
BTO server 1, the desktop computer 2 and the PDA 3, and  
the dealer terminals 4 are capable of communicating  
25 with each other via the Internet 5 and an Intranet 6.  
Note that, here, for convenience of illustration, only  
two client terminals and three dealer terminals are



shown. However, it is needless to mention that this system can include more client terminals and dealer terminals.

Among them, the BTO server 1 is capable of further  
5 communicating with a database 8 and is also capable of writing various kinds of information in and reading them from the database 8 according to an operation in the desktop computer 2 or the PDA 3 or an instruction from the dealer terminal 4.

10 Moreover, although not illustrated, the BTO server 1 is provided with web contents, which include plug-in for displaying a screen for BTO service on the desktop computer 2 and the PDA 3, and a CGI (Common Gateway Interface) program for receiving specification  
15 information of a vehicle from the desktop computer 2 or the PDA 3, reading a manufacturer's suggested price and an estimated price according to the received specification information from the database 8, and returning the manufacturer's suggested price and the  
20 estimated price to those terminals. In addition, the BTO server 1 has a hardware configuration of a general server to which an IP address is assigned, and is provided with a CPU, a memory, a hard disk, and the like other than a communication device. Thus, the BTO  
25 server 1 is capable of accessing other servers and databases on the Internet.

Consequently, a client can acquire an estimated price for a desired individual specification car while accessing the BTO server 1 via the Internet and browsing the web contents prepared in the BTO server with a browser installed in the desktop computer 2 or the PDA 3.

The desktop computer 2, the PDA 3, and the dealer terminals 4a, 4b, 4c are general information terminals, and have at least a communication device which utilizes a general communication protocol such as TCP/IP, a browser for accessing a server on the Internet 5 utilizing the communication device to browse web contents, and a mailer for exchanging mails with terminals connected to the Internet 5. It goes without saying that a CPU and a memory for operating the browser and the mailer are also implemented.

On the other hand, as shown in the figure, the database 8 includes a client information database 801, an estimated price database 802, a manufacturer's suggested price database 803, a return mail format by dealer database 804, a reference information database 805, and a market price database 806. Then, various kinds of information described below are stored in the respective databases in a state in which those kinds of information are associated with each other appropriately.

The client information database 801 stores various kinds of information such as client names, client IDs, passwords, mail addresses, addresses, telephone numbers, and estimation request IDs associating them with each other. Note that the estimation request ID is information for identifying data concerning estimation requested in the past. By referring to this estimation request ID, it becomes possible to read not only the number of times of estimation request but also information on dates and times of an estimation request and a reply, and a dealer which has made estimation from the estimated price database.

The estimated price database 802 stores a plurality of kinds of specification information, which are prepared in advance such that clients specify individual specification cars, and estimated prices in selling the individual specification cars specified by these kinds of information associating them with each other. Note that these estimated prices are stored for each dealer, and an estimation history in the past and the like are also stored.

The manufacturer's suggested price database 803 stores a plurality of individual specification cars, which are specified by specification information, and manufacturer's suggested prices, which are set by manufacturers in advance for the respective individual specification cars, associating them with each other.

The return mail format database 804 stores format data (template information) which is used in presenting an estimated price in response to an estimation request from a client. In this embodiment, since a reply of  
5 estimation is sent by an electronic mail, this format data is arranged in a template form corresponding to a mailer.

The reference information database 805 stores sales histories and the like for each dealer as  
10 information which is used as a reference when a salesclerk of a dealer calculates an estimated price.

The market price database 806 stores price information concerning various vehicles which are sold by other vehicle manufacturers. For example, the  
15 market price database 806 is referred to when the respective dealers present estimated prices to clients or update data of the estimated price database.

In addition, although not illustrated here, in addition to the above, the database 8 includes a  
20 database in which information on dealers (addresses of salesclerks, etc.), a database in which information on parts selectable for each model, and the like. Next, detailed contents of the estimated price database 802 will be described with reference to FIG. 2. As shown  
25 in the figure, the estimated price database 802 is prepared individually for each of all dealers.

Further, the estimated price database 802 for each dealer includes data described below.

Latest estimated price data 802a: An estimated price which is automatically presented in response to an estimation request from a client is stored in this data. An estimated price returned to the client individually from a dealer is stored, in principle, in this data as an estimated price for automatic reply excluding an exceptional case. However, in order to maintain freshness of an estimated price, the estimated price stored here is automatically deleted when a predetermined period has elapsed. Therefore, even if an estimation request is received from a client, it is possible that an estimated price corresponding to specification information therefor is not stored. In addition, this data can be inputted and updated also by operation according to approval of a representative of the dealer.

Estimated price history data 802b: Prices which were estimated for clients in the past and are not latest estimated prices are stored in this data. That is, prices which are stored here are estimated prices which were stored as the latest estimated price data 802a but were overwritten due to updating or estimated prices which were deleted due to elapse of a predetermined period.

Automatic reply prohibited client data 802c: IDs of clients for whom automatic reply should not be performed are stored in this data. It is necessary to prevent good customers from getting an unfavorable  
5 impression caused by automatic reply. Thus, the BTO server 1 decides whether automatic reply may be performed for a client with reference to this data 802c.

Number of times of estimation data 802d: The number of times of estimation data is data in which the  
10 number of times of estimation request is stored for each client. A client who has sent estimation request many times to the same dealer is considered to have relative high desire to purchase. Therefore, in order to build a close relation with such a client and  
15 encourage the client to purchase a vehicle, the number of times of estimation request is counted for each client and, a client whose number of times of estimation request has exceeded a predetermined number of times is registered as a highly prospective customer  
20 in the automatic reply prohibited customer data 802c, and automatic reply is prohibited for the client.

Exceptional estimated price data 802e: In the case in which an estimated price calculated in a dealer individually is far from an estimated price which is  
25 usually automatically returned, for example, in the case in which an exceptionally low estimated price is presented due to various circumstances of a dealer

(improvement of a sales state), the estimated price is stored in the exceptional estimated price data 802e as exceptional estimated price data.

Specification group data 802f: This data stores a  
5 specification group which should be retrieved when a dealer receives an estimation request and refers to the latest estimated price data 802a. That is, this data is used for judging to which specification group  
10 specification information received with the estimation request belong. Then, when the specification group is found using this data, the BTO server 1 retrieves an estimated price corresponding to the specification group of the latest estimated price data 802a.

For example, it is estimated that specifications  
15 for which estimation is requested are a base model A type + an engine B + a four-speed AT transmission + a tire C + an interior D type + an audio E type. Further, for example, it is assumed that a group defined by a combination of a base model, an engine, and a  
20 transmission is included in the specification group data 802f. In this case, the BTO server 1 retrieves the specification group data 802f from the received specification information, and a group X defined by the base model type A + the engine B + the four-speed AT  
25 transmission is derived. Then, next, the BTO server 1 checks for which of individual specification cars belonging to the group X an estimated price is stored

in the latest estimated price data 802a. Then, if it is assumed that an estimated price of 2 million yen is stored as the latest estimated price data 802a for the base model A type + the engine B + the four-speed AT  
5 transmission + the tire C + the interior D type + an audio F type, only an audio type is different from that in the specification information for which estimation is requested. Thus, if a difference of the prices of the audios is assumed to be 20 thousand yen, the  
10 difference is added and an estimated price of 2 million and 20 thousand yen is automatically calculated and presented. In the case in which no estimated price is stored for the individual specification cars belonging to the group X at all, the dealer calculates an  
15 estimated price individually.

That is, the estimated price database stores an estimated price only for a part of the individual specification car. In the case in which an estimated price of the specification information received as the  
20 estimation request is not stored as latest estimated price data, the BTO server 1 reads an estimated price of specifications close to the specification information, corrects the read specification data, and sends it to the client terminal. Consequently, a  
25 storage capacity of the database can be reduced, and update of an estimated price is facilitated.



Estimatable minimum price data 802g: In this data, minimum prices allowed to be set to vehicles of respective specifications in the dealer are stored.

Automatic reply allowable value setting data 802h:

5 This data is used for decision on whether or not to read an estimated price from the latest estimated price data 802a and send a reply automatically. In this data, an allowable price difference between an automatic  
10 reply estimated price and a market price, an allowable price difference between an automatic reply estimated price and a desired price with which a client desires to purchase a vehicle, and the like are stored.

Estimation returning salesclerk data 802i: In this data, salesclerks who sent a reply of estimation  
15 are stored in association with respective estimation requests.

Note that, although it is assumed here that the estimated price database 802 is prepared for each dealer, the present invention is not limited to this,  
20 and a system may be adopted in which the estimated price database 802 is prepared for each salesclerk of a dealer and each salesclerk can present a different estimated price to clients. In the case in which a client visits a shop (dealer) to have business talk, a  
25 salesclerk can present an estimated price which the salesclerk has determined personally. Therefore, if estimated prices are stored for each salesclerk,

service can be provided to a client in a form close to a person-to-person sales form.

In addition, here, an estimated price which the dealer has calculated individually is stored in the latest estimated price data 802a and is deleted after a fixed period. Thus, estimated prices corresponding to all individual specification cars which clients can select are not stored. However, the present invention is not limited to this but may be constituted such that estimated prices corresponding to all individual specification cars are stored and reviewed in every fixed period.

In addition, although the BTO server 1 is managed by a manufacturer, estimated price data included in the estimated price database is never updated by the manufacturer and can be updated only by access from a dealer terminal. Therefore, the manufacturer cannot control an estimated price, and a dealer can set the estimated price independently.

<Flow of processing at the time when service is used>

Next, a flow of service provision processing using this sales support system will be described with reference to FIGS. 3 to 8.

First, a client makes connection to the Internet using the desktop computer 2 or the PDA 3 serving as a client terminal to access a URL (e.g., HTTP://www.BTO.com) of the BTO server 1. In response

to this, the BTO server 1 causes the client terminal to display Web contents prepared in advance.

FIG. 4 is a diagram showing an example of a display screen of the Web contents. This screen is a screen on which specifications are set and a manufacturer's suggested price is displayed, and includes a specification selection field 401, an outward appearance display field 402 in which an outward appearance of a vehicle based upon selected specification is displayed, an interior display field 403, a manufacturer's suggested price display field 404, and a selected detailed specification list display field 405.

In the specification selection field 401, tabs are prepared for respective steps such that specifications can be determined through six steps consisting of a step 1 of selecting an engine, a step 2 of selecting a drive system (two-wheel drive, four-wheel drive, etc.), a step 3 of selecting an exterior, a step 4 of selecting an interior, a step 5 of selecting an electrical equipment system, and a step 6 of selecting a dealer option which is prepared for each dealer independently.

When a client selects the respective tabs to select an engine, a drive system, and the like in step S301, the information is sent to the BTO server 1. In step S302, the BTO server 1 reads an outward appearance

image, an interior image, and a manufacturer's suggested price corresponding to the selection from the databases, respectively. Then, in step S303, the BTO server 1 returns information on the manufacturer's suggested price to the client terminal. Consequently, in step S304, the images, which are displayed in the outward appearance display field 402 and the interior display field 403, and the price in the manufacturer's suggested price display field 404, and the like are changed on the client terminal on a real time basis according to an operation for selecting specifications by the client.

That is, the client operates the client terminal to select specifications in a state in which the screen of FIG. 4 is displayed, whereby the reception of operation for selecting specifications (S301), the database retrieval (S302), the reply of manufacturer's suggested price (S303), the display of manufacturer's suggested price (S304) in FIG. 3 are performed repeatedly.

When information on selection of specifications is inputted from the client to some extent on the specification selection screen of FIG. 4, it becomes possible to select an estimation request button 406 and a business talk application button 407. In a normal procedure, the client selects the estimation request button 406 before selecting the business talk

application button 407. When the estimation request  
button 406 has been selected and the BTO server 1 has  
received an estimation request, the BTO server 1 sends  
display data for displaying a dealer selection screen  
5 and a client information input screen to the client  
terminal, requests the client to select a dealer which  
calculates an estimated price, further requests input  
of simple client information, and saves the  
specification selection screen of FIG. 4, at the time  
10 when the estimation request button 406 is selected, in  
the BTO server 1.

Although the client information requested here is  
used for distinction of the client from other clients  
and does not always include an address and a real name,  
15 in this system, in order to return an estimated price  
with an electronic mail, the customer information  
includes at least an electronic mail address. However,  
the present invention is not limited to returning an  
estimated price with an electronic mail. That is, a  
20 method of providing an estimated price display field on  
the specification selection screen of FIG. 4 to display  
an estimated price in the field may be adopted. In  
that case, it is not necessary to request an electronic  
mail address as client information, and it is  
25 sufficient to request only a client ID for identifying  
the client in the BTO server 1. It goes without saying

that a password or the like may be requested other than the client ID.

In addition, a desired price input column and a comment column further are prepared on the input screen for customer information. It is possible to input a price at which a client considers it appropriate to purchase a vehicle or make a comment on a dealer.

Further, varieties of information required to be inputted may be increased according to the number of times a client has requested estimation. For example, control may be performed such that, whereas estimation request for a first time is possible through input of an electronic mail address, in a second time of estimation request, the client information database 801 and the number of times of estimation database 802d are retrieved through at the point when the electronic mail address is inputted and, if it is found that the number of times of estimation request is twice or more and an address and a name have not been inputted, the estimation request button 406 cannot be selected unless further client information is inputted. This prevents the client from requesting estimation many times in vain and makes it possible to reduce load on the server and burden on the dealer.

Note that, before displaying the specification selection screen as shown in FIG. 4, the BTO server 1 may request the client to input the above-mentioned

client information. In that case, simultaneously with  
the database retrieval processing S302, the BTO server  
1 performs processing for registering the client  
information of the client in the client information  
5 database 801.

When the dealer is selected and the client  
information is inputted in the client terminal in step  
S305 of FIG. 3, the information is sent to the BTO  
server 1, and the BTO server 1 decides in step S306  
10 whether or not an estimated price may be automatically  
returned based upon the received specification  
information and client information and the estimated  
price database 802.

If it is decided that an estimated price may be  
15 returned automatically, the BTO server 1 proceeds to  
step S307 and reads an estimated price from the  
estimated price database 802 using the specification  
information. Then, the BTO server 1 proceeds to step  
S311, and embeds the estimated price read from the  
20 estimated price database 802 in a template of an  
electronic mail read from the return mail format  
database 804 and sends it to the client terminal. At  
the same time, the BTO server 1 notifies the dealer  
what kind of estimated price is automatically returned  
25 to which client (S323).

On the other hand, if it is decided that the  
estimated price should not be automatically returned,

the BTO server 1 proceeds to step S308, and sends the specification information and the client information to the dealer terminal 4 to request calculation of individual estimation. Note that, in this embodiment,  
5 the BTO server 1 requests a dealer to estimate a price with an electronic mail sent to the dealer.

The BTO server 1 has Web contents for allowing a dealer to input an estimated price and embeds a URL for accessing a page of the Web contents in an estimation  
10 request mail. That is, a URL for inputting estimation is embedded in the estimation request mail sent to the dealer and, when a person in charge of estimation of the dealer receives the estimation request mail and opens the mail to select the URL in step S309, the Web  
15 browser of the dealer terminal 4 accesses Web contents corresponding to the estimation request in the BTO server 1. As a result, a screen as shown in FIG. 5 is displayed on a display of the dealer terminal 4.

FIG. 5 is a diagram showing an example of the  
20 screen for inputting estimation. As shown in FIG. 5, on the screen for inputting estimation, the number of times of estimation request 501 of the client, a name of the previous person in charge of estimation 502, client information 503, a vehicle purchase history 504  
25 of the client, specification information 505 for which estimation is desired, a manufacturer's suggested price 506 with the specifications, an estimated price for



automatic reply 507, an estimated price presented last time 508, a desired purchase price 509 inputted by the client, an estimatable minimum price 510, an estimated price input column 511 are indicated as information to  
5 be references in calculating an estimated price.

Consequently, for example, if the dealer refers to the number of times of estimation request 501, the dealer can judge whether presentation of estimation to the client is first presentation or second presentation.  
10 In addition, if the dealer refers to the estimated price presented last time 508 for the identical client, the dealer can grasp an upper limit of an estimated price which can be presented this time. This is because it is extremely insincere to present an  
15 estimated price higher than that of the last time to the identical client, which may lead to loss of confidence of the client. That is, the estimated price presented last time 508 functions as means for regulating an estimated price for a salesclerk.

20 In addition, a specification verification button 515 is provided on the right of the estimated price presented last time 508. When the specification verification button 515 is selected, a difference of specifications between specifications, which were  
25 targets of the estimation request of the last time, and specifications to be targets of estimation request of this time is sent from the BTO server 1 and displayed

on the dealer terminal. It goes without saying that only the information on specifications, which were targets of the estimation of the last time, may be displayed to cause the salesclerk to compare the  
5 information on specifications to be targets of estimation of this time. If there is a difference of specifications, by taking into account the difference together with the estimated price presented last time 508, the salesclerk can calculate an estimated price  
10 prudently such that an improperly high estimated price is not presented this time.

When a reference information button 514 is selected on the page of FIG. 5, a reference information screen shown in FIG. 6 is displayed. As reference  
15 information, competitive model information 601, a successful bid state 602 of a vehicle for which estimation is made, competition information 603 for a present client, and the like are read from the reference information database 805 and sent to the  
20 dealer terminal to be displayed.

The competition information 603 indicates what kind of shops the client has requested to estimate a price. Shops indicated here are shops sharing the same BTO system and include shops which have not presented  
25 estimation yet.

The competition information 603 also indicates a shop closest to an address of the client, a shop where

the client has purchased a vehicle, and a shop which has presented service to the client among the shops which are request to estimate a price, a salesclerk who is on friendly terms with the client, and the like.

5 Note that it goes without saying that these pieces of information are displayed in the case in which a client is specified completely, and the competition information 603 is not displayed at a stage when essential information such as a name and an address are  
10 not inputted.

In addition, the shops indicated in this competition information 603 are allocated a priority based upon predetermined criteria. The priority is indicated by allocating numbers 1 to n in order from a  
15 shop which is most desirable for selling a vehicle. However, this priority is not an absolute one and is simply a standard to the end. For example, the shops may be simply arranged in order from one in close distance from the address of the client or may be  
20 simply arranged in an order in which the client has requested estimation. That is, although a shop C is indicated as a shop with a first order of estimation in the competition information 603 of FIG. 6, this does not means that the shop C always has to present a  
25 lowest estimated price but simply means that it is desirable for the client that the shop C estimates a

lowest price because the shop C is closest to the address of the client.

As described above, a salesclerk of a dealer can obtain information useful for calculating an estimated price from the screens of FIGS. 5 and 6.

The estimated price calculated by the salesclerk is, in principle, stored in the estimated price database 802 as the latest estimated price data 802a. Consequently, it is necessary to urge the salesclerk to calculate an estimated price carefully so as not to present a low estimated price recklessly. The reference information shown in FIGS. 5 and 6 can contribute to such careful calculation of an estimated price and prevent the latest estimated price data 802a from declining at an improper pace.

An estimated price is calculated individually from the reference information and inputted in the input column 511 of FIG. 5. When an OK button 512 is selected, the estimated price is sent to the BTO server 1 in step S310 of FIG. 3.

The BTO server 1 judges whether or not the received estimated price is a proper one and, if it is judged improper, sends warning to the dealer terminal to seek approval before proceeding to step S311. More specifically, the BTO server 1 compares the estimated price presented to the same client last time and the received estimated price taking into account a

difference of specifications and judges whether the received estimated price is too high. In the case in which there is no difference of specifications between the estimation request of the last time and the  
5 estimation request of this time, the BTO server 1 judges that received estimated price is improper if it is higher than the estimated price of the last time. In addition, in the case in which there is a difference of specifications, the BTO server 1 calculates an  
10 estimated price found by taking into account the difference of specifications and judges that the estimated price is improper if the estimated price to be presented this time is higher than the estimated price. In addition, the BTO server 1 also judges that  
15 the estimated price is improper if a price lower than a predetermined minimum price is received.

When an approval acquisition button 513 is selected, a not-shown approval acquisition screen is displayed and, after a predetermined password is  
20 inputted on the screen, the BTO server 1 decides that any estimated price inputted in the input column 511 is proper and proceeds to step S311.

Here, the estimatable minimum price 510 is a minimum price which is allowed to be set for a vehicle  
25 of the specifications in the dealer. This is stored in the estimated price database 802 and is protected such that it can only be updated by specific people of the

dealer. Consequently, the BTO server 1 prevents the salesclerk of the dealer from selling a vehicle at an unreasonably low price without permission and presenting a price higher than an estimated price of the last time as estimation.

In FIG. 5, the input column 511 is blank. However, a recommended estimated price, which is derived from the estimated price presented last time and the difference of specifications between the estimation of the last time and the estimation of this time, may be inputted and displayed in the input column 511 at the point of display of FIG. 5. Consequently, decision of an estimated price by the salesclerk is facilitated. In addition, in the case in which estimation is requested a predetermined number of times or more by the same client, the BTO server 1 may perform control such that an amount equal to or lower than the estimated price presented last time cannot be inputted in the input column 511. Consequently, the BTO server 1 can prevent an estimated price from continuously declining every time the client requests estimation.

In addition, it is also possible to arrange such that a person other than the previous person in charge of estimation cannot input an estimated price in the input column 511. For example, it is sufficient to register IDs and passwords of persons in charge of estimation of a shop are registered in advance in the

BTO server 1 and, if an ID and a password of the previous person in charge of estimation 502 are not inputted, not to allow the input column 511 to be changed. Such control of input to the input column 511  
5 is made possible by a JAVA (registered trademark) script, a CGI program, or a plug-in prepared in the BTO server 1. Since it is already publicly known to control input of data to Web contents using the CGI program or the plug-in, specific contents of the  
10 program are omitted here.

When it is decided in step S310 that the estimated price inputted to the input column 511 is proper, the BTO server 1 further performs processing for storing this estimated price in the estimated price database.  
15 More specifically, the BTO server 1 sends data of a screen for selecting in what kind of form the estimated price is saved in the estimated price database 802 to the dealer terminal 4, and causes the dealer terminal 4 to display such a screen. By operating the dealer  
20 terminal 4 in that state, the person in charge of estimation of the dealer can decide whether an estimated price calculated and returned individually is saved as latest automatic return estimated price data or as exceptional estimated price data. Consequently,  
25 the estimated price for automatic reply stored in the estimated price database can be updated at an appropriate opportunity, and an appropriate estimated

price can be presented without excessive burden on the dealer. In addition, since the dealer terminal is inquired whether or not to overwrite the estimated price for automatic reply stored in the estimated price database, an improper estimated price can be prevented from being stored as the estimated price for automatic reply. That is, the dealer terminal can sufficiently obtain an opportunity for updating the estimated price for automatic reply can be obtained sufficiently, and can perform control such that a proper estimated price is automatically sent.

For example, in the case in which the estimated price is calculated individually in the dealer and, then, stored as an estimated price to be returned automatically, it is saved as latest automatic return estimated price data. On the other hand, in the case in which the estimated price calculated in the dealer individually is far from the estimated price which is automatically returned usually, it is saved as exceptional estimated price data, and the estimated price for automatic reply is not updated. That is, the exceptionally calculated estimated price is saved separately from the estimated price for automatic reply, the estimated price for automatic reply never declines excessively, and proper estimation can be presented.

Here, in the case in which it is decided that the estimated price is saved as the automatic reply



estimated price data, authentication by a  
representative of the dealer is necessary. That is, a  
screen for inputting an ID and a password of the  
representative is further displayed and, if the ID and  
5 the password are not inputted, the estimated price can  
only be saved as exceptional estimated price data.  
Consequently, if the dealer adopts a management system  
in which only a predetermined acknowledger knows an  
approval ID of the acknowledger, a salesclerk in the  
10 dealer cannot overwrite a database without permission,  
and an estimated price for automatic reply can be  
controlled more strictly.

In addition, when the estimated price for  
automatic reply is overwritten, an estimated price  
15 before update is stored in the estimated price history  
data 802b as a history. That is, when the estimated  
price for automatic reply is overwritten, since an  
estimated price in the past is left in a database, a  
history of changing estimated prices can be easily  
20 grasped. Such a history of change can be used as  
reference information in judging how the estimated  
price for automatic reply should be updated, and the  
dealer can easily update the estimated price for  
automatic reply. Eventually, a desire to purchase of a  
25 client can be aroused by flexible update of an  
estimated price.

Note that, although the person in charge of estimation in the dealer is urged to select an estimated price by displaying the selection screen here, the BTO server 1 may select an estimated price automatically. For example, the BTO server 1 may perform control to decide whether or not a difference between an inputted estimated price and an estimated price for automatic reply is within a predetermined range and, if the difference is within the predetermined range, save the estimated price as estimated price data for automatic reply.

In addition, it goes without saying that latest estimated price data of an estimated price database can be updated also by a direct estimated price update operation from a dealer terminal. That is, estimated price update processing can be performed directly from the dealer terminal even in the case in which estimation is not requested by a client. Consequently, since a salesclerk of the dealer can update the database appropriately, desire to purchase of the client can be aroused by flexible update of the estimated price.

Next, in step S311, the BTO server 1 prepares an electronic mail incorporating the received proper estimated price and sends an estimated price presentation mail to the client terminal.

Upon acquiring an estimated price to be presented to the client terminal, the BTO server 1 generates a screen, which is created by further adding an estimated price display field and a dealer display field to the specification selection screen of FIG. 4 at the time  
5 when the estimation request button 406 was selected, and assigns a peculiar URL to it. Then, the BTO server 1 embeds this peculiar URL in the estimated price presentation mail to be sent to the client terminal.

10 Note that, the dealer terminal may prepare a comment which should be described in the estimated price presentation mail. In that case, in step S310, the comment is sent to the BTO server 1 from the dealer terminal. Consequently, an estimated price  
15 presentation mail of contents according to a client can be sent to the client terminal, and a relation between the dealer and the client can be made closer.

The client terminal receives the estimated price presentation mail in step S312. If the client terminal  
20 accesses the URL embedded in the mail, the specification selection screen of FIG. 4 at the point when the estimation request button 406 was selected with the addition of the dealer and the estimated price in the dealer can be displayed on the browser.  
25 Therefore, if the client is dissatisfied with the estimated price presented by the estimated price mail, the client only has to return to step S301 and

reexamine the specifications by operating the specification selection field 401 or proceed to step S305 by pressing the estimation request button 406 again and request another dealer to estimate a price.

5 It goes without saying that the client may request the same dealer to estimate a price again. On the other hand, if the client is satisfied with the estimated price presented by the estimated price mail, the client only has to select the business talk application button

10 on the screen of FIG. 4.

When the business talk application button 407 is selected on the screen of FIG. 4 in step S313, the BTO server 1 sends a screen for inputting detailed client information to the client terminal and, client

15 information inputted thereto is sent to the BTO server 1 together with the specification information, the dealer information, and the estimated price.

Upon accepting an application for business talk, the BTO server 1 stores which client has applied for

20 business talk to which dealer at what kind of estimated price. Further, in step S314, the BTO server 1 sends a business talk application notice including the detailed client information, specification information, and estimated price to a dealer to which business talk are

25 applied. Note that each business talk application notice is assigned a business talk number for identifying the business talk.

The dealer which has received the business talk application notice in step S315 proceeds to step S316 and starts specific business talk with the client. In step S316, for example, exchange of information such as  
5 a method of payment of charges and a date of delivery, and a trade-in price of a vehicle is performed between the salesclerk and the client using an electronic mail or directly. Finally, the client pays the charges in step S311 and the dealer delivers an individual  
10 specification car as a vehicle, whereby the business talk ends.

In step S317, the dealer having concluded the business talk accesses the BTO server 1 with the dealer terminal 4 to input a business talk result. Here, the  
15 dealer only has to input the business talk number assigned to the business talk application notice and a final sales amount as the business talk result.

The BTO server 1 stores the business talk result in step S318 and further proceeds to step S319 to  
20 notify all dealers, which have estimated prices, of the result (information on conclusion of the business talk). This notice is sent by an electronic mail with contents as shown in FIG. 7. That is, a date of request for estimation 701, a client name 702, a client ID 703, a  
25 date of conclusion of business talk 704, a name of dealer having concluded business talk 705, an estimate price which was presented by a dealer having received

electronic mail 706, an estimated price presented by the dealer having concluded business talk 707, specifications for which price is estimated by dealer having received electronic mail 708, and specifications  
5 for which price is estimated by the dealer having concluded business talk 709 are notified to all the dealers which could not have business talk with the client. Here, a title of this electronic mail is set as "business talk failure notice" because it indicates  
10 that the business talk has failed for a dealer which has received the electronic mail. That is, business talk conclusion information for a first dealer may be a business talk failure notice for a second dealer. Note that information indicating a state of sales of the  
15 dealer having concluded business talk may be included in this business talk failure notice in addition to the above-described items.

Upon receiving such a business talk failure notice in the dealer terminal 4 in step S320, each dealer can  
20 obtain information to be a reference in updating an estimated price database such as information on how high estimation by the dealer was compared with estimation of other dealers or information at which estimated price the client determined to purchase a  
25 vehicle from the dealer.

Note that it is desirable that a URL for accessing a page for changing an estimated price for automatic

reply of the dealer is embedded in the electronic mail shown in FIG. 7. Then, the dealer can immediately reflect an estimated price which is based upon the electronic mail on a database.

5           In addition, in the case in which the client who requested estimation has not started business talk with any dealer, in step S321, the BTO server 1 sends a follow-up request mail shown in FIG. 8 to each dealer (or only a prioritized dealer). The follow-up request  
10 mail is an electronic mail for requesting a dealer to confirm a desire to purchase of a customer who requested estimation. As shown in the figure, in this follow-up mail, in addition to a name of a person in charge of estimation of the dealer, an electronic mail  
15 address of the client, and the like, a URL of a page on which information about the client is displayed and a URL of a page on which specification information for which the client has requested estimation are embedded.

          The BTO server 1 is programmed to count the number  
20 of days from last estimated price transmission processing and, when a predetermined period such as one month has elapsed without receiving any business talk application or information on business talk conclusion, to automatically send a follow-up request mail.

25           In the case in which the follow-up request mail of FIG. 8 is received by the dealer terminal 4, the person in charge of estimation of the dealer judges whether or

not follow-up is necessary for the client and, if the follow-up is necessary, encourages the client to purchase a vehicle by, for example, sending a follow-up mail (mail for confirming desire to purchase of a client who requested estimation) directly to the client.

Note that, in the case in which the BTO server 1 counts the number of days from last estimated price transmission processing and the predetermined period has elapsed without any receipt of business talk application or information on business talk conclusion, a follow-up mail may be sent to the client automatically.

<Decision on propriety of automatic reply of estimation>

Next, contents of decision in step S306 of FIG. 3 will be described in detail with reference to FIG. 9.

First, upon receiving specification information and client information as well as an estimation request from the client terminal in step S901, the BTO server 1 proceeds to step S902, retrieves through a database using the client information included in the estimation request, and decides whether or not the client has an estimation history. If there is an estimation history, the BTO server 1 proceeds to step S903 and further decides whether or not an estimation request remaining as a history is an estimation request for a dealer which is identical with the dealer which is a target of



the estimation request of this time. If the estimation request is an estimation request for the identical dealer, the BTO server 1 further proceeds to step S904 and decides whether or not the estimation request is  
5 made within a predetermined period from the estimation request of the last time. If it is decided in step S904 that the estimation request is made within the predetermined period from the estimation request of the last time, the BTO server 1 proceeds to step S308,  
10 sends the specification information and the client information to the dealer terminal 4, and request calculation of individual estimation.

If it is found by the decision that the client has requested the same dealer to estimate a price many  
15 times within a predetermined period, it becomes possible to perform individual estimation for the client judging that the client is a client having a strong desire to purchase. Consequently, the dealer can deal with the client with a strong desire to  
20 purchase more carefully. Note that processing for deciding whether or not an estimation request is one for the same specifications and processing for deciding whether the estimation request has been made a  
predetermined number of times (three times, four times,  
25 etc.) or more may be inserted between step S904 and step S308 to judge that a client who has requested the same dealer to estimate a price many times for the same

specification is a client aiming to lower an estimated price and automatically return an estimated price to the client.

In the case in which there is no estimation  
5 history, the case in which, even if there is an estimation history, it is not for an identical dealer, or the case in which a predetermined period or more has elapsed from estimation of the last time, the BTO server 1 proceeds to step S905 and performs  
10 verification of conditions for prohibiting automatic reply.

In this verification of conditions for prohibiting automatic reply, the BTO server 1 refers to the automatic reply prohibited client data 802c and decides  
15 whether or not the client is stored as a client for whom automatic reply should not be performed. Consequently, careful presentation of estimation can be performed for a client, who can be judged as a highly prospective customer, having strong desire to purchase,  
20 such as a good customer, and the customer can be treated differently from a client who has requested estimation just out of curiosity. In addition, whether or not the client is stored as a client for whom automatic reply should not be performed is also decided  
25 according to whether or not a comment of the client is included in estimation request data from the client. Consequently, considering that a client who has

requested estimation with a comment is a client with strong desire to purchase, the customer can be treated more carefully. To the contrary, since it is relatively less likely that a client with no comment  
5 has strong desire to purchase, an estimated price can be presented to the client by automatic reply to reduce burden on the dealer.

If the client is stored in the automatic reply prohibited client data 802c or if a comment is included  
10 in the estimation request data, the BTO server 1 proceeds to step S308, and sends the specification information and the customer information to the dealer terminal 4 to request calculation of individual estimation.

15 If the client does not correspond to the conditions for prohibiting automatic reply, the BTO server 1 proceeds to step S906 and refers to the latest estimation price data 802a based upon specification information. Then, the BTO server 1 decides whether or  
20 not a predetermined period has elapsed from update of an estimated price in the database 802 and, if the predetermined period has elapsed, the BTO server 1 proceeds to step S308.

That is, the BTO server 1 retrieves an estimated  
25 price corresponding to the specifications, for which estimation request has been received, from the estimated price stored in the latest estimated price

data 802a, reads when the estimated price was updated  
and, if the date of update is, for example, six months  
or more before a date of returning estimation, judges  
that the estimated price is too old to be automatically  
5 returned, and performed individual estimation.

Next, in step S906, the BTO server 1 decides  
whether or not an estimated price to be automatically  
transmitted corresponding to the specification  
information is stored as the latest estimated price  
10 data 802a and, if the estimated price to be  
automatically transmitted is not stored, proceeds to  
step S308.

Moreover, in step S906, the BTO server 1 refers to  
the market price database 806, decides whether or not  
15 the estimated price read from the latest estimated  
price data 802a is far from a market price and, if the  
estimated price is far from the market price, proceeds  
to step S308. That is, the BTO server 1 reads a market  
price of a model to be a target of comparison from the  
20 market price database 806 using the specification  
information, compares the market price with the  
estimated price of the latest estimated price data 802a,  
and decides whether or not the difference is within an  
allowable range. If the difference exceeds the  
25 allowable range, the BTO server 1 judges that the  
estimated price of the latest estimated price data 802

is not suitable for automatic reply, and performs individual estimation.

According to the above-described decisions, the BTO server 1 judges whether or not the estimated price for automatic reply in the database is proper and, if it is judged that the estimated price is proper, proceeds to step S907, and decides whether or not a desired purchase price has been inputted by the client. If a desired purchase price has not been inputted, the BTO server 1 proceeds to step S908 and presents the estimated price for automatic reply read from the database to the client with an electronic mail.

In the case in which a desired price has been inputted, the BTO server 1 proceeds to step S909 and decides which of the desired price and the estimated price for automatic reply is higher. If the estimated price for automatic reply is lower than the desired price, since there is no problem, the BTO server 1 proceeds to step S908 and presents the estimated price for automatic reply read from the database to the client with an electronic mail.

If it is judged in step S909 that the estimated price for automatic reply is higher than the desired price, the BTO server 1 proceeds to step S910, calculate a difference of the prices, and decides whether or not the difference of the prices is within a predetermined range. If the difference of the prices

is not within the predetermined range, since this means that the estimated price for automatic reply is a high price far from the desired price of the client, the BTO server 1 judges automatic reply will cause a large  
5 problem, and proceeds to step S308 to perform individual estimation.

If the difference of the prices in step S910 is within the predetermined range, since it is possible that a desire to purchase of the client increases when  
10 an estimated prices as desired is presented, the BTO server 1 proceeds to step S911, and presents the same price as the desired price as an estimated price.

<Effects of this embodiment>

As described above, according to the sales support  
15 system in accordance with this embodiment, abundant materials for updating an estimated price can be obtained, and the estimated price can be updated flexibly. In addition, since an opinion or the like from the client mentioning that the estimated price is  
20 too high can be reflected on an estimated price, it becomes possible for the client to enjoy price negotiation at the time of purchasing a vehicle. Moreover, since salesclerks of a dealer do not always calculate estimated prices for all clients one by one  
25 but perform automatic reply appropriately, business processing in the dealer does not become complicated. Consequently, high quality service can be provided

taking into account a balance between the business processing of the dealer and a desired of a customer.

More specifically, the sales support system decides whether to read an estimated price automatically from a database and presents the estimated price to the client or to inquire an estimated price from the dealer directly, appropriate estimation can be presented without applying excessive burden to the dealer.

That is, basically, the dealer presents an estimated price taking into account a response from the client for each estimation request from the client.

However, for example, if an estimated price satisfies various conditions, for example, an estimated price stored in an estimation database is not far from a market price, since the sales support system can read the estimated price and present it to the client automatically, burden on the dealer caused by performing examination of estimation can be reduced.

In addition, since the sales support system confirms with the dealer whether or not the estimated price read from the estimated price database automatically may be presented to the client, an estimated price against the dealer's wishes can be prevented from being presented to the client and, since the dealer only has to input whether or not the dealer approves the estimated price, burden on the dealer can

be reduced compared with the case in which estimation is calculated for all estimation request one by one.

In addition, since the sales support system automatically sends an estimated price of the estimated price database to the client terminal in response to estimation request which is received within a predetermined period from update of the estimated price database, a highly reliable estimated price can be automatically presented to a client.

Moreover, since the sales support system automatically presents an estimated price taking a market price into account, the estimated price to be automatically presented can be set to a proper amount without presenting a preposterous estimated price far from the market price. Note that if an estimated price significantly different from the market price is stored in the estimated price database, the estimated price only has to be updated after confirmation with the dealer.

In addition, since the sales support system presents an estimated price corresponding to a desired price presented from the client, a proper estimated price can be presented without damaging the client's impression. If an estimated price of the database is slightly higher than the desired price, the estimated price of the database can be presented to the client to persuade the client. If a difference between the



desired price and the estimated price is set in a range which does not affect a desire to purchase of the client, the client is encouraged to purchase a vehicle without decreasing the estimated price.

5           In addition, if an estimated price of the database is slightly higher than a desired price, the client can be satisfied by directly presenting the desired price as an estimated price. If the difference between the desired price and the estimated price is set in a range  
10 which does not affect a profit of the dealer significantly, the client can be satisfied by a slight discount of the estimated price. In addition, in this case, if an estimated price stored in the database is not updated, the estimated price stored in the database  
15 can be prevented from decreasing endlessly.

Further, in the case in which a desired price is higher than an estimated price of the database, since the desired price is presented to the client, both of the client and the dealer can be satisfied.

20           The sales support server can store estimated prices different for each salesclerk of the dealer in the database. Therefore, each salesclerk can present a different estimated price to the client at his/her own discretion, and the estimated price can be presented in  
25 a form more similar to a person-to-person sales method.

Since the sales support server stores estimated prices for all specifications of a vehicle in the

estimated price database, an estimated price complying with specifications as requested by the client can be read from the estimated price database, and an accurate estimated price can be sent simply.

5        Since the sales support server stores estimated prices for specifications of a part of a vehicle in the estimated price database, an estimated price close to specifications requested by the client can be read with a small storage capacity, and update of an estimated  
10 price stored in the database is also facilitated. Then, in the sales support server, since the read estimated price is corrected by an amount equivalent to deviation of the specifications, an accurate estimated price can be presented.

15        Although the sales support server is managed by a manufacturer, estimated price data included in the estimated price database is never updated by the manufacturer but can be updated only by access from the dealer terminal. Therefore, the manufacturer cannot  
20 control an estimated price, and the dealer can set an estimated price independently.

      In addition, according to the above-mentioned embodiment, a high quality service can be presented taking into account a balance between business  
25 processing of the dealer and a desire of the client. In particular, since the sales support system has an automatic reply prohibiting conditions setting function

which, in selecting automatic reply and individual  
reply of an estimated price, prohibits the automatic  
reply if the client meets exceptional conditions even  
if the automatic reply is possible, a vehicle can be  
5 sold in a form closer to a person-to-person vehicle  
sales form.

That is, since the sales support system decides  
whether to automatically send an estimated price stored  
in the estimated price database to the client terminal  
10 or to inquire an estimated price from the dealer  
according to client information, a method of presenting  
an estimated price suitable for the client can be  
selected.

Therefore, an appropriate estimated price can be  
15 presented without applying excessive burden to the  
dealer.

In addition, the sales support system can refer to  
automatic reply prohibited client data in which clients  
to whom an estimated price should not be automatically  
20 sent are registered. Then, if a client who has  
requested estimation is included in the automatic reply  
prohibited client data, the sales support system  
inquires an estimated price from the dealer.

Consequently, an estimated price can be presented  
25 carefully to a client who is judged as a highly  
prospective customer, having strong desire to purchase,  
such as a good customer, and the customer can be

treated differently from a client who has requested estimation just out of curiosity.

In addition, the sales support system can refer to number of times estimation data, in which the number of  
5 times estimation has been requested, for each client. Then, in the case in which a client who has requested estimation requested estimation in the past predetermined number of times or more, the sales support system inquires an estimated price from the  
10 dealer.

Consequently, the sales support system can deal with the client who requested estimation in the past more carefully considering that the client is a client having a strong desire to purchase. Conversely, the  
15 sales support system can present an estimated price by automatic reply to a client who did not request estimation in the past for the time being, thereby reducing a burden on the dealer.

In addition, the sales support system is capable  
20 of receiving a comment from a client and, if a comment is received from a client, inquires an estimated price from the dealer. Consequently, the sales support system can deal with a client who has requested estimation with a comment more carefully considering  
25 that the client is a client having a strong desire to purchase. Conversely, since a client who has not made a comment is relatively less likely to have a strong

desire to purchase, the sales support system can present an estimated price by automatic reply, thereby reducing burden on the dealer.

Further, in the case in which a first calculator  
5 who has asked to calculate an estimate price by a client and a second calculator of an estimated price stored in the estimated price database are different, since the sales support system seeks approval of the dealer, automatic transmission of an estimated price  
10 can be performed more carefully.

<Other embodiments>

Note that the present invention can also be attained by the CPU of the BTO server 1 reading a program, which is capable of realizing the processing  
15 described in FIGS. 3 and 9, from some storage medium to execute the program. In this case, as the storage medium, in addition to a read-writable semiconductor memory or hard disk, any storage device such as an optical disk, a magnetic disk, or a magneto-optical  
20 disk can be adopted. Such a storage medium or a program itself is included in the scope of the present invention. Therefore, data to be transmitted through a telecommunication line by using the Internet or the like can also be included in the scope of the present  
25 invention.

As many apparently widely different embodiments of the present invention can be made without departing

from the spirit and scope thereof, it is to be understood that the invention is not limited to the specific embodiments thereof except as defined in the appended claims.

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